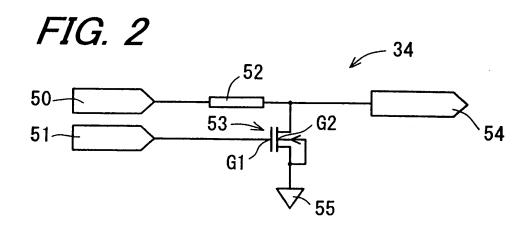
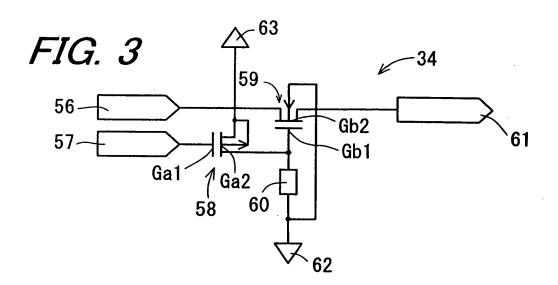
Sheet 1 of 15 CONTROL SECTION 37 39 29 REDUNDANT COLUMN SELECTOR CIRCUI BIDIRECT 38 - MEMORY CHIP 20 **DEMULTIPLEXER** MAIN MEMORY CELL CIRCUI FUSE 35 8 FUSE CIRCUIT 36 COINCIDENCE DETERMINING DEMULT 22 23 26 24 A3~A5 A7 **RDEN** 

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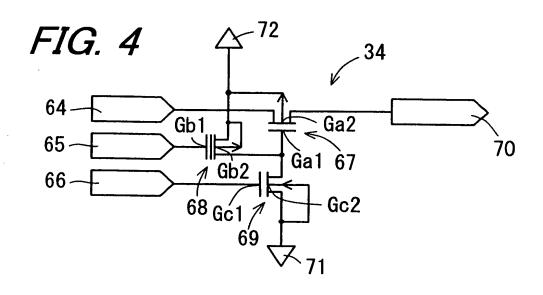
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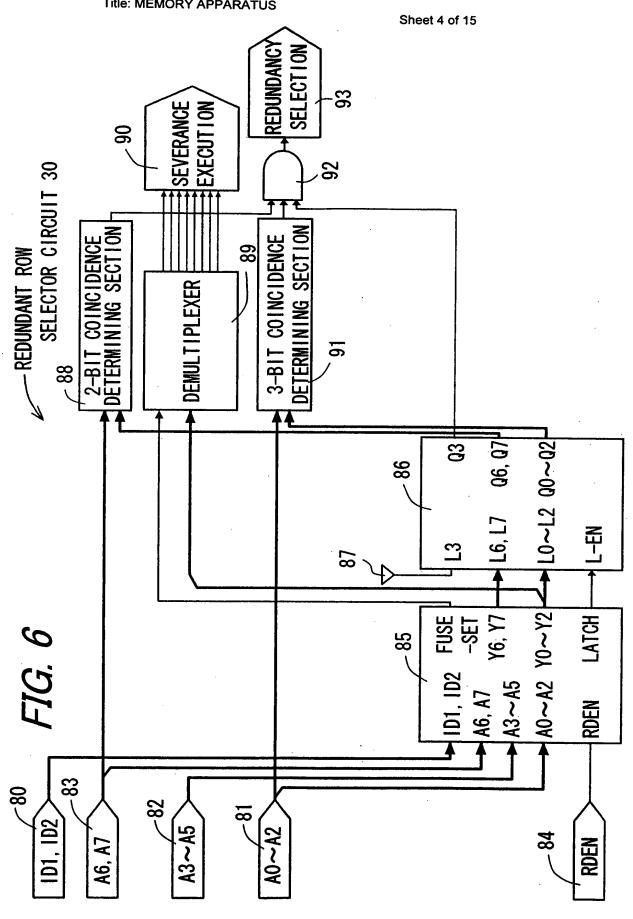


# FIG. 5A

| <u> </u>            | <u>EN</u> | A0~A2  | A3                  | A4, A5                  | A6, A7       |  |
|---------------------|-----------|--|---------------------|-------------------------|--------------|--|
| ŀ                   | 1         | ROW (COLUMN)-WISE<br>REDUNDANT RESISTOR<br>VALUE | ROW<br>OR<br>Column | COMMAND<br>NUMBER       | ID<br>NUMBER |  |
| A3=0 : REDUNDANT    |           |  |                     | A4=1, A5=0 : REDUNDANCY |              |  |
|                     |           | -BASED RELIEF                                    |                     | CO                      | MMAND 1      |  |
| A3=1                | : REDUN   | DANT   | A4=0, A             | 5=1 : REDU              | NDANCY       |  |
| COLUMN-BASED RELIEF |           |  |                     | CO                      | MMAND 2      |  |

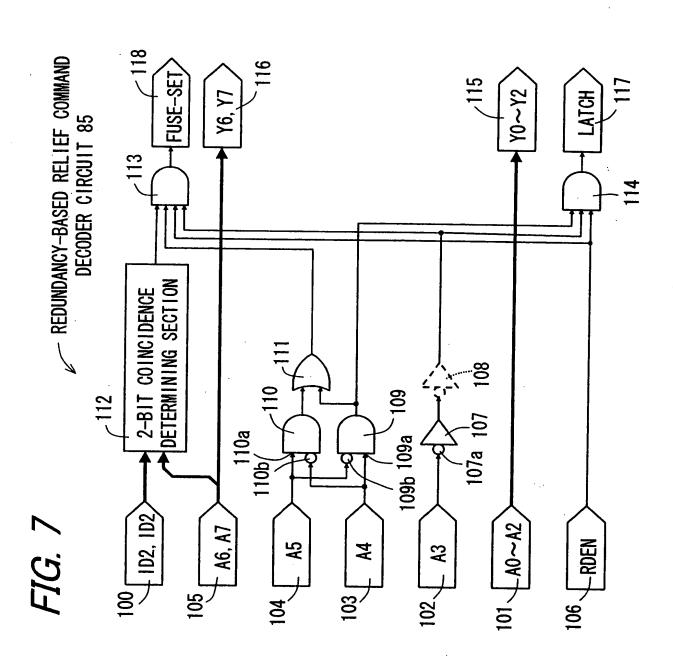
## FIG. 5B

| RDEN | A0~A5   | A6, A7    |  |
|------|---------|-----------|--|
| L    | ADDRESS | ID NUMBER |  |



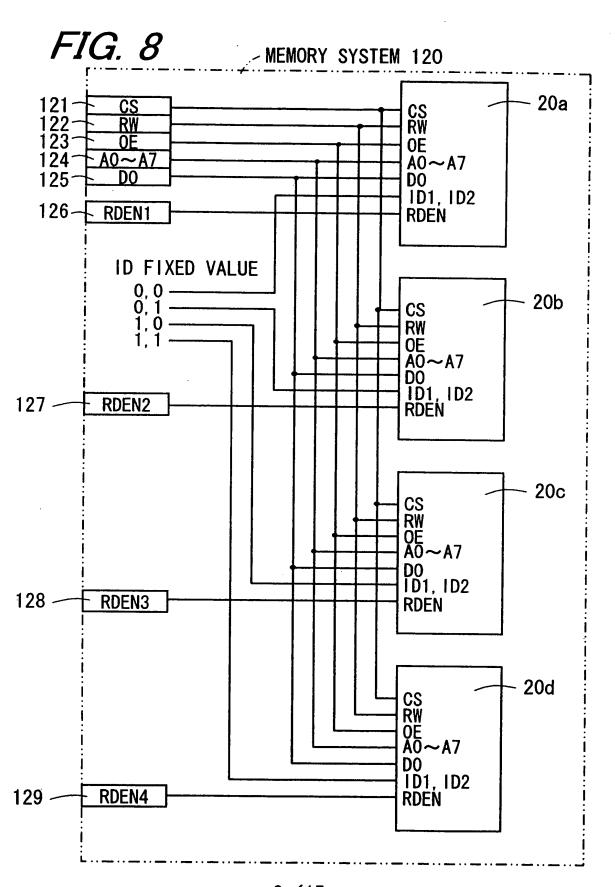
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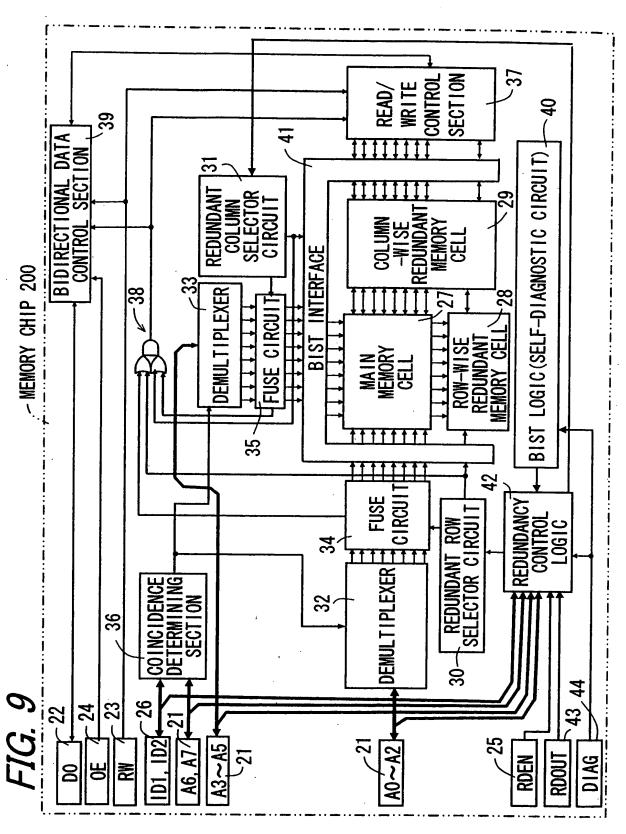


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## FIG. 10A

| RDOUT                       | A0~A2  | <b>A</b> 3          | A4, A5           | A6, A7    |  |
|-----------------------------|--|---------------------|------------------|-----------|--|
| Н                           | ROW (COLUMN)-WISE<br>REDUNDANT RESISTOR<br>VALUE | ROW<br>OR<br>Column | SENDER<br>NUMBER | ID NUMBER |  |
| AO O . DEDUKE ANT DOWN DAGE |  |                     |                  |           |  |

A3=0 : REDUNDANT ROW-BASED RELIEF A3=1 : REDUNDANT COLUMN-BASED RELIEF

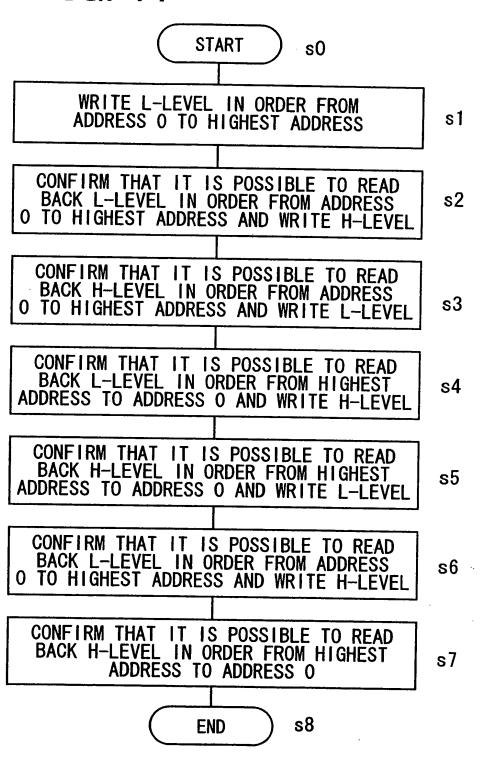
#### FIG. 10B

| RDOUT | A0~A5   | A6, A7    |
|-------|---------|-----------|
| L     | ADDRESS | ID NUMBER |

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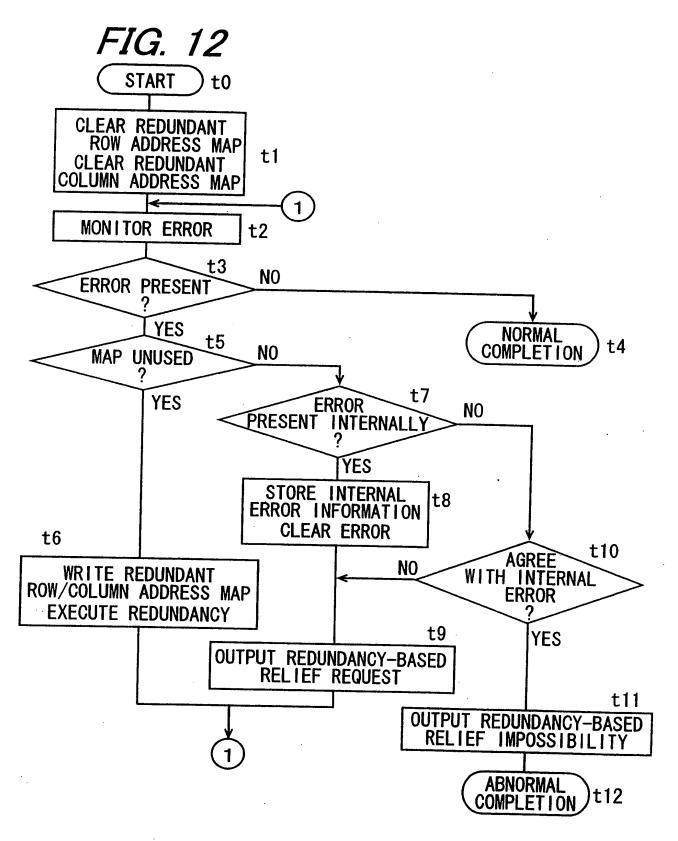
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#### FIG. 11



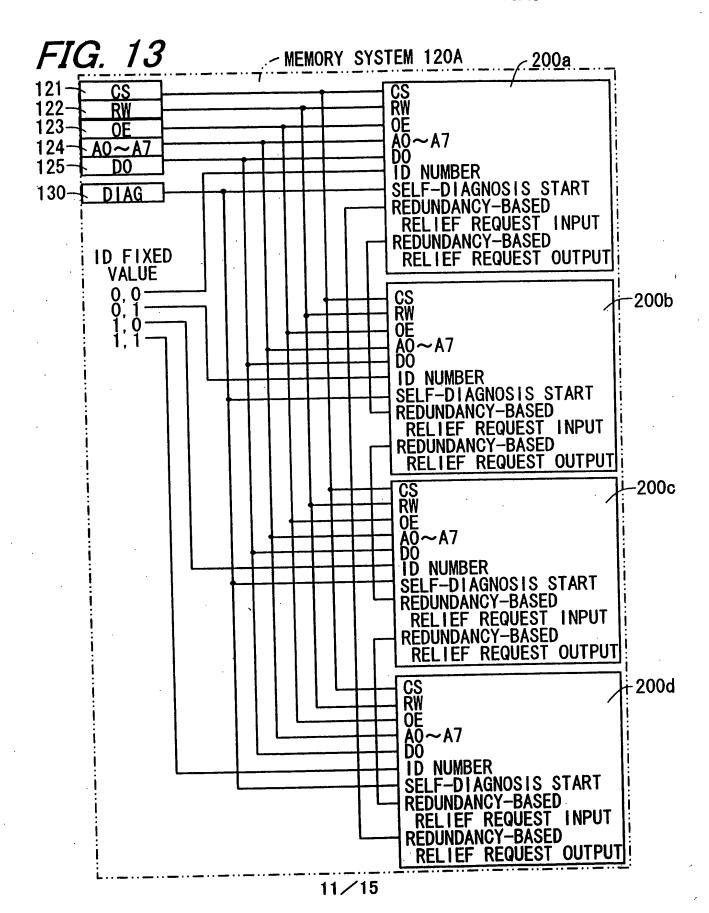
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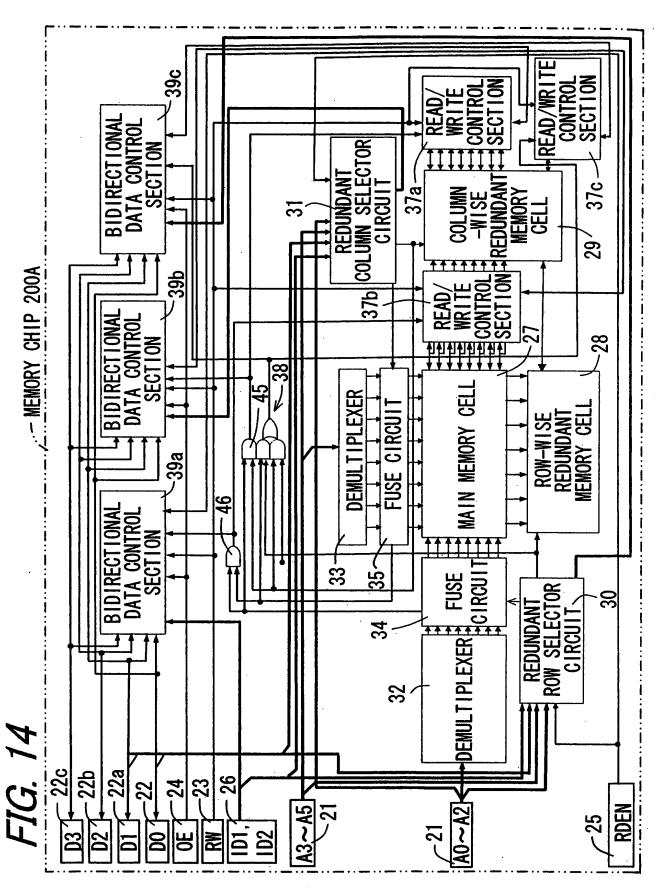


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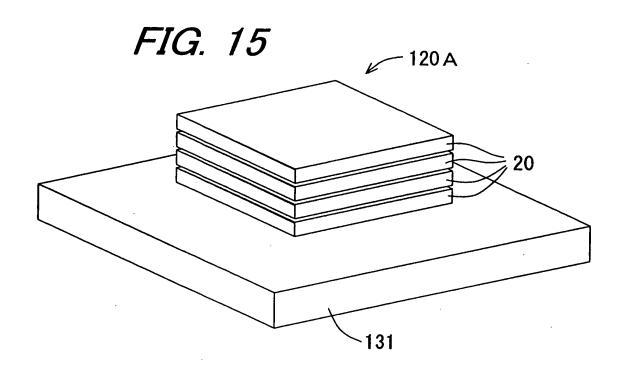


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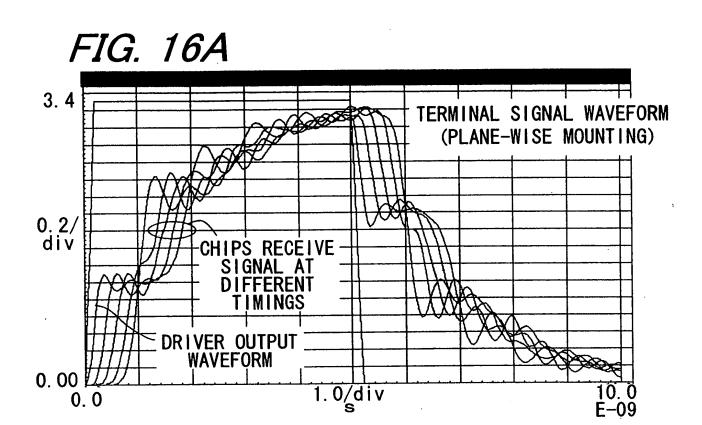
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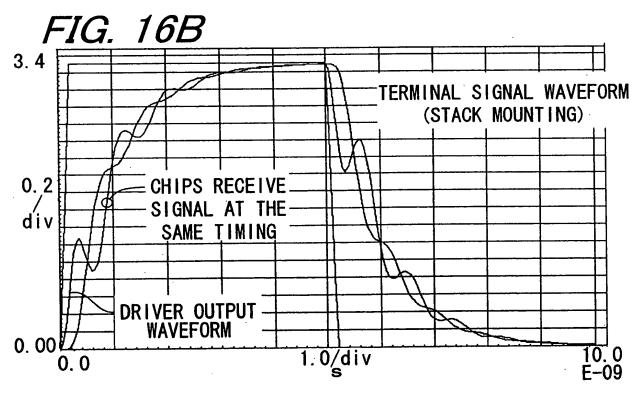
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